

IN THE SPECIFICATION:

Please substitute the paragraph on page 21, lines 1-22 with the following amended paragraph:

The reaction mixture was first subjected to chromatography on ~~Gammabind-plus~~ GAMMABIND™ PLUS SEPHAROSE™ (Pharmacia), a matrix that has affinity for Fab'. A 5.3ml column was equilibrated in a buffer of sodium phosphate, 0.1M, pH6, 2mM EDTA at a flow rate of 2ml/min. All chromatography was at a temperature of 21°C. The sample was applied to the column at a flow rate of 1ml/min, and the column then washed in the same buffer (sodium phosphate, 0.1M, pH6, 2mM EDTA) until the baseline was restored. Adsorbed protein was eluted by application of a buffer of acetic acid, 0.5M, made to pH3 by addition of sodium hydroxide. The whole eluent was collected in fractions and each fraction analysed by SDS PAGE (using both reducing and non-reducing conditions). As expected of this affinity matrix, unconjugated Fab' eluted in the pH3 buffer, whereas the unconjugated RSA did not bind to the matrix at all, and emerged in the flow-through during sample loading. Conjugation of a single Fab' to one RSA molecule clearly affected its binding to the protein G on the matrix, for the conjugate emerged in the flow-through, just slightly later than (and overlapping with) the unconjugated RSA. The fraction containing the conjugate was subjected once more to chromatography on ~~Gammabind-plus~~ GAMMABIND™ PLUS SEPHAROSE™ (as above), in order to separate more RSA from it. The fractions containing conjugate (and some traces of RSA) were concentrated in a stirred cell (Amicon, 10 kDa nominal molecular weight cut-off membrane).

Please substitute the paragraph on page 22, lines 15-29 and continuing on to page 23, lines 1-2 with the following amended paragraph.

**Radiolabelling of proteins**

Proteins were labeled at the  $\epsilon$ -amino groups of lysyl residues, using  $^{125}\text{I}$ -labeled Bolton and Hunter reagent (Amersham International, code no. IM5861). Proteins were dissolved or diluted in a buffer of borate, to give a final borate concentration of 0.1M, pH8. A solution (of between 300 and 370 $\mu\text{L}$ ) containing 300 $\mu\text{g}$  protein was then mixed with 20 $\mu\text{L}$  Bolton and Hunger solution in propan-2-ol (containing 9 Mgq of  $^{125}\text{I}$ ). The mixture was incubated at 21°C for 15 min, then the reaction was quenched by addition of 60 $\mu\text{L}$  solution of glycine, 1M, in borate, 0.1M, pH8.5. After approximately

5 min reaction at 21°C, the reaction mixture was chromatographed on ~~Sephadex~~ SEPHADEX™ G25M using a PD10 column (Pharmacia, code no. 17-0851-01, used as per manufacturer's instructions). In doing so, the buffer was exchanged for phosphate buffered saline. The specific activity of each preparation was calculated from estimates of protein concentration (see Analytical Procedures) and of radioactivity, and were typically in the range 0.45 to 0.54μCi/μg. The radiolabeled samples were used directly after labeling.